

Refine Search

Search Results -

Terms	Documents
gpr65	29

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L2

Search History

DATE: Tuesday, April 24, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
---------------------------------	--------------	------------------	-------------------------------

DB=PGPB,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L2</u>	gpr65	29	<u>L2</u>
-----------	-------	----	-----------

DB=USPT; PLUR=YES; OP=ADJ

<u>L1</u>	gpr65	3	<u>L1</u>
-----------	-------	---	-----------

END OF SEARCH HISTORY



A service of the National Library of Medicine
and the National Institutes of Health

[My NCBI](#)
[\[Sign In\]](#) [\[Reg\]](#)

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search for

Limits Preview/Index History Clipboard Details

About Entrez

- Search History will be lost after eight hours of inactivity.
- Search numbers may not be continuous; all searches are represented.
- To save search indefinitely, click query # and select Save in My NCBI.
- To combine searches use #search, e.g., #2 AND #3 or click query # for more options.

Text Version

Entrez PubMed
Overview

Help | FAQ
Tutorials

New/Noteworthy
E-Utilities

PubMed Services
Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI

Related Resources

Order Documents
NLM Mobile
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

Search	Most Recent Queries	Time	Result
#5	Search (agonist) AND ("GPR65" [TIAB] OR "GPR-65" [TIAB] OR "GPR 65" [TIAB] OR "G-protein coupled receptor 65" [TIAB] OR "hTDAG8" [TIAB] OR "hTDAG-8" [TIAB] OR "hTDAG 8" [TIAB] OR "Psychosine receptor" [TIAB] OR "T cell-death associated protein 8" [TIAB] OR "TDAG8" [TIAB] OR "TDAG-8" [TIAB] OR "TDAG 8" [TIAB])	18:56:27	<u>3</u>
#4	Search (pharmaceutical) AND ("GPR65" [TIAB] OR "GPR-65" [TIAB] OR "GPR 65" [TIAB] OR "G-protein coupled receptor 65" [TIAB] OR "hTDAG8" [TIAB] OR "hTDAG-8" [TIAB] OR "hTDAG 8" [TIAB] OR "Psychosine receptor" [TIAB] OR "T cell-death associated protein 8" [TIAB] OR "TDAG8" [TIAB] OR "TDAG-8" [TIAB] OR "TDAG 8" [TIAB])	18:56:10	<u>0</u>
#3	Search (camp) AND ("GPR65" [TIAB] OR "GPR-65" [TIAB] OR "GPR 65" [TIAB] OR "G-protein coupled receptor 65" [TIAB] OR "hTDAG8" [TIAB] OR "hTDAG-8" [TIAB] OR "hTDAG 8" [TIAB] OR "Psychosine receptor" [TIAB] OR "T cell-death associated protein 8" [TIAB] OR "TDAG8" [TIAB] OR "TDAG-8" [TIAB] OR "TDAG 8" [TIAB])	18:55:50	<u>3</u>
#2	Search (disorder) AND ("GPR65" [TIAB] OR "GPR-65" [TIAB] OR "GPR 65" [TIAB] OR "G-protein coupled receptor 65" [TIAB] OR "hTDAG8" [TIAB] OR "hTDAG-8" [TIAB] OR "hTDAG 8" [TIAB] OR "Psychosine receptor" [TIAB] OR "T cell-death associated protein 8" [TIAB] OR "TDAG8" [TIAB] OR "TDAG-8" [TIAB] OR "TDAG 8" [TIAB])	18:55:40	<u>0</u>
#1	Search (disease) AND ("GPR65" [TIAB] OR "GPR-65" [TIAB] OR "GPR 65" [TIAB] OR "G-protein coupled receptor 65" [TIAB] OR "hTDAG8" [TIAB] OR "hTDAG-8" [TIAB] OR "hTDAG 8" [TIAB] OR "Psychosine receptor" [TIAB] OR "T cell-death associated protein 8" [TIAB] OR "TDAG8" [TIAB])	18:55:23	<u>0</u>

OR "TDAG-8" [TIAB] OR "TDAG 8" [TIAB])

[Clear History](#)

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Apr 4 2007 12:47:27

Symbol	Name	Synonyms	Or...
 GPR65	G protein-coupled receptor 65	G-protein coupled receptor 65, hTDAG8, Psychosine receptor, T cell-death associated protein 8, TDAG8	Ho...
UniProt	Q8IYL9, O75819		
OMIM	604620		
NCBI Gene	8477	more than 1,500 organisms. 80,000 genes. 12 million sentences.	
NCBI RefSeq	NP_003599	...always up-to-date	
NCBI RefSeq	NM_003608		
NCBI UniGene	8477		
NCBI Accession	BC035633, BC071715		

Homologues of GPR65 ...

Definitions for GPR65  ...

Most recent information for GPR65  ... **new**

Enhanced PubMed/Google query ...

2. Furthermore, RhoA activation and actin rearrangement were elicited by acid-stimulated **TDAG8**. [2005]

G protein [?] -coupled receptors **GPR4** and **TDAG8** are oncogenic and overexpressed in human cancers. [2005]

The subfamily of G protein-coupled receptors comprising **GPR4**, **OGR1**, **TDAG8**, and **G2A** was originally characterized as a group of proteins mediating biological responses to the lipid messengers **sphingosylphosphorylcholine (SPC)**, **lysophosphatidylcholine (LPC)**, and **psychosine**. [2006]

Here we show that **GPR4** also malignantly transforms NIH3T3 cells and that **TDAG8** malignantly transforms normal mammary epithelial cell line NMuMG. [2004]

G2A, **T cell** death-associated gene 8 (**TDAG8** [?]), **ovarian cancer G protein-coupled receptor 1** (OGFR), **G protein-coupled receptor 4** [?] (**GPR4**) form a group of structurally related G protein-coupled receptors (originally proposed to bind proinflammatory lipids. [2005])

Receptors of the endothelial differentiation gene family are activated by **S1P** [?] (**S1P(1-5)**) or **LPA** (**LPA(1-3)**); two distantly related receptors are activated by **LPA** (**LPA(4/5)**); the **GPR(3/6/12)** receptors have a high constitutive activity and are further activated by **S1P** [?] and/or **SPC**; and receptors of the **OGR1** cluster (**OGR1**, **GPR4**, **G2A**, **T cell** death-associated gene 8) appear to be activated by **SPC**, **LPC**, **psychosine** and/or protons. [2007]

Identification of **T cell** death-associated gene 8 (**TDAG8**) as a novel acid sensing **G-protein-coupled receptor**. [2005]

The gene, human TDAG8 (hTDAG8), which belongs to the G protein [?] -coupled receptor superfamily, encode a protein of 337 amino acids. [1998]

We conclude that members of this **GPCR** [?] group exhibit differential sensitivity to extracellular protons, and that expression of **TDAG8** [?] by immune cells may regulate responses in acidic microenvironments. [2005]

In particular, dexamethasone caused down-regulation of genes promoting DP thymocyte survival (e.g., Notch1 suppressor of cytokine signaling 1, and inhibitor of DNA binding 3) or modulation of genes activating cell death through the ceramide pathway (UDP-glucose ceramide glucosyltransferase, sphingosine 1-phosphate phosphatase, dihydroceramide desaturase, isoform 1, and **G protein-coupled receptor 65**) or through the mitochondrial machinery. [2006]

Please cite the use of iHOP as "Hoffmann, R., Valencia, A. A gene network for navigating the literature. Nature Genetics 36, 664 (2004)" and as <http://www.ihop-net.org/>".

Special thanks to Chris Sander for his continuing support.

NCBI **PubMed** www.ncbi.nlm.nih.gov/pubmed

A service of the National Library of Medicine
and the National Institutes of Health

[My NCBI](#) [\[Sign In\]](#) [\[Register\]](#)

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

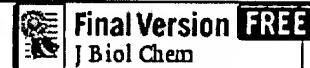
Search for

Limits Preview/Index History Clipboard Details

Display Show Sort by Send to

All: 1 Review: 0

1: [J Biol Chem. 2004 Dec 17;279\(51\):52850-9. Epub 2004 Oct 12.](#)



Links

[J Biol Chem](#)

The glucocorticoid-induced gene *tdag8* encodes a pro-apoptotic G protein-coupled receptor whose activation promotes glucocorticoid-induced apoptosis.

Malone MH, Wang Z, Distelhorst CW.

Department of Medicine, Comprehensive Cancer Center, Case Western Reserve University School of Medicine, 10900 Euclid Ave., Cleveland, OH 44106, USA.

The apoptotic action of glucocorticoids on lymphocytes makes them effective therapeutics for many lymphoid malignancies. Although it is clear that glucocorticoid-induced apoptosis requires transcription, the gene products that induce apoptosis remain unknown. Using gene expression profiles of lymphoma cell lines and primary thymocytes treated with the synthetic glucocorticoid dexamethasone, we discovered that induction of *tdag8* (T-cell death-associated gene 8) was a common event in each model system investigated. Activation of TDAG8 by its agonist psychosine markedly enhanced dexamethasone-induced apoptosis in a TDAG8-dependent manner. Expression of a TDAG8-GFP fusion protein was sufficient to induce apoptosis, and repression of endogenous TDAG8 using RNA interference partially inhibited dexamethasone-induced apoptosis. Together, these data suggest that TDAG8 is a regulator of glucocorticoid-induced apoptosis and that agonists of TDAG8 may be promising agents to improve the efficacy of glucocorticoids for the treatment of leukemia and lymphoma.

PMID: 15485889 [PubMed - indexed for MEDLINE]

Display Show Sort by Send to

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Related Links

Normal immune development and glucocorticoid-induced thymocyte apoptosis in mice deficient for the T-cell death-associated gene 8 receptor. [Mol Cell Biol. 2006]

Critical function of T cell death-associated gene 8 in glucocorticoid-induced thymocyte apoptosis. [Proc Natl Acad Sci U S A. 2003]

Thioredoxin-interacting protein (txnip) is a glucocorticoid-regulated primary response gene involved in mediating glucocorticoid-induced apoptosis. [Oncogene. 2006]

TDAG8 is a proton-sensing and psychosine-sensitive G-protein-coupled receptor. [J Biol Chem. 2004]

The pro-apoptotic protein Bim is a convergence point for cAMP/protein kinase A- and glucocorticoid-promoted apoptosis of lymphoid cells. [J Biol Chem. 2004]

[See all Related Articles...](#)



A service of the National Library of Medicine
and the National Institutes of Health

[My NCBI](#)
[\[Sign In\]](#) [Re]

All Databases

PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Journals

E

Search **PubMed**



for (agonist) AND ("GPR65" [TIAB] OR "GPR-65" [TIA])

Go

Clear

Save S

Limits Preview/Index History Clipboard Details

Quoted phrase not found.

See [Details](#).

Display **Summary**

Show 20



Sort by



Send to



All: 3 Review: 0

Items 1 - 3 of 3

One page.

1: [Fukunaga S, Setoguchi S, Hirasawa A, Tsujimoto G.](#)

Related Articles, Links

Monitoring ligand-mediated internalization of G protein-coupled receptor as a novel pharmacological approach.

Life Sci. 2006 Dec 3;80(1):17-23. Epub 2006 Aug 25.
PMID: 16978657 [PubMed - indexed for MEDLINE]

2: [Malone MH, Wang Z, Distelhorst CW.](#)

Related Articles, Links

The glucocorticoid-induced gene ttag8 encodes a pro-apoptotic G protein-coupled receptor whose activation promotes glucocorticoid-induced apoptosis.

J Biol Chem. 2004 Dec 17;279(51):52850-9. Epub 2004 Oct 12.
PMID: 15485889 [PubMed - indexed for MEDLINE]

3: [Murakami N, Yokomizo T, Okuno T, Shimizu T.](#)

Related Articles, Links

G2A is a proton-sensing G-protein-coupled receptor antagonized by lysophosphatidylcholine.

J Biol Chem. 2004 Oct 8;279(41):42484-91. Epub 2004 Jul 27.
PMID: 15280385 [PubMed - indexed for MEDLINE]

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Apr 4 2007 12:47:27